

IN THE CLAIMS:

Please cancel Claims 1-24 and amend the following claims as set forth below.

1-24 (Canceled)

25. (Currently Amended) ~~The~~ A disposable fluid processing set ~~of Claim 24 further comprising~~ for use in a photoactivation treatment of a biological fluid comprising:

a first container for holding a biological fluid and a photochemical agent during a photoactivation treatment, wherein said container is made of a material that is substantially translucent to light in the photoactivating wavelength range;

a second container for receiving at least said biological fluid from said first container wherein said second container is integrally connected to said first container;

an openable flow path between said first and second containers;

a container for temporarily holding said with a photochemical agent temporarily contained therein; ~~and~~

an openable flow path between said first container and said container ~~holding~~ with said photochemical agent; and

an adsorbent material for removing at least one or both of excess photochemical agent and photoactivation by-products from said biological fluid.

26. (Currently Amended) The disposable fluid processing set of ~~Claim 24~~ Claim 25 wherein said adsorbent material for removing at least one or both of said excess photochemical agent and said photoactivation by-product is housed within said second container.

27. (Previously Presented) The disposable fluid processing set of Claim 26 further comprising a third container for receiving said biological fluid from said second container and an openable flow path between said second and third containers.

28. (Currently Amended) The disposable fluid processing set of ~~Claim 24~~ Claim 25 wherein said adsorbent material for removing said photochemical agent and said photoactivation by-products from said biological fluid is housed within a flow-through device that is in flow communication with and located between said first and second containers.

29. (Currently Amended) The disposable fluid processing set of ~~Claim 24~~ Claim 25 wherein said adsorbent material is contained within a semipermeable pouch housed within said second container.

30. (Canceled)

31. (Currently Amended) The disposable fluid processing set of ~~Claim 24~~ Claim 25 wherein said processing set is adapted for joinder to a source container of biological fluid.

32. (Canceled)

33. (Currently Amended) The disposable fluid processing set of Claim 31 ~~further comprising (a) a container for temporarily holding said photochemical agent (b) an openable flow path between said first container and said container holding said photochemical agent,~~ wherein said container holding said photochemical agent includes a tubing segment adapted for joinder to said source container of biological fluid.

34. (Previously Presented) The disposable processing set of Claim 27 comprising a tubing segment including an openable flow path for establishing flow communication between said second and third containers.

35. (Canceled)

36. (Canceled)

37. (Currently Amended) The disposable fluid processing set of ~~Claim 24~~ Claim 25 wherein said container for temporarily holding said photochemical agent comprises an overwrap impermeable to light of a selected wavelength.

38. (Previously Presented) The disposable fluid processing set of Claim 37 wherein said overwrap is impermeable to light in the UVA wavelength range.

39. (Currently Amended) The disposable fluid processing set of ~~Claim 24~~ Claim 25 wherein said first container is made of a material that is substantially translucent to photoactivating light in the UVA range.

40. (Currently Amended) The disposable processing set of ~~Claim 24~~ Claim 25 further ~~comprising~~ including a holder for temporarily holding at least said second container.

41. (Currently Amended) The disposable processing set of Claim 27 ~~wherein further comprising~~ including a holder for temporarily holding said second and third containers.